

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/UK2004/000525

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02K15/04 H02K3/47

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 197 180 A (MIHALKO EMIL S) 30 March 1993 (1993-03-30) abstract; figures 4,5 column 4, line 67 - column 5, line 24 column 6, line 60 - column 7, line 27 -----	1-22
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 06, 28 June 1996 (1996-06-28) & JP 8 047216 A (TOKYO PARTS IND CO LTD), 16 February 1996 (1996-02-16) abstract; figures -----	1-22
A	US 3 831 267 A (ONISHI K ET AL) 27 August 1974 (1974-08-27) column 3, line 59 - column 4, line 30 figure 6 ----- -/-	1-22

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
---	--

23 December 2004

13/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ramos, H

INTERNATIONAL SEARCH REPORT

Inte
al Application No
PCT/IN2004/000525

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 507 637 A (HAYASHI TSUNEYUKI) 26 March 1985 (1985-03-26) abstract; figures 6,7 -----	19-22
A	US 5 955 813 A (HAMMERS ANTON ET AL) 21 September 1999 (1999-09-21) abstract; figures 3,4 -----	19-22

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte	rial Application No
PCT/DK2004/000525	

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5197180	A	30-03-1993	AT AU AU AU BR CA CN DE DE DK EP ES HK IL JP JP MX NO PL RU SG WO US	153808 T 694691 B2 1505397 A 2683092 A 9206495 A 2118932 A1 1072047 A ,B 69220094 D1 69220094 T2 694227 T3 0694227 A1 2103970 T3 1000977 A1 103123 A 2799395 B2 6506100 T 9205184 A1 940793 A 169597 B1 2120174 C1 42878 A1 9306649 A1 5294855 A	15-06-1997 23-07-1998 01-05-1997 27-04-1993 31-10-1995 01-04-1993 12-05-1993 03-07-1997 13-11-1997 22-12-1997 31-01-1996 01-10-1997 15-05-1998 31-10-1996 17-09-1998 07-07-1994 01-03-1993 07-03-1994 30-08-1996 10-10-1998 17-10-1997 01-04-1993 15-03-1994
JP 8047216	A	16-02-1996	NONE		
US 3831267	A	27-08-1974	JP JP JP	1133389 C 48092806 A 57006338 B	27-01-1983 01-12-1973 04-02-1982
US 4507637	A	26-03-1985	JP BR CA CH DE FR GB IT	56049641 A 8006152 A 1153049 A1 657481 A5 3036051 A1 2466894 A1 2062363 A ,B 1133619 B	06-05-1981 07-04-1981 30-08-1983 29-08-1986 16-04-1981 10-04-1981 20-05-1981 09-07-1986
US 5955813	A	21-09-1999	DE DE DE DE EP EP WO JP JP TW US	4420371 A1 59508880 D1 69504506 D1 69504506 T2 0670621 A1 0764357 A1 9534934 A1 8037763 A 10501678 T 463448 B 5714828 A	14-12-1995 11-01-2001 08-10-1998 20-05-1999 06-09-1995 26-03-1997 21-12-1995 06-02-1996 10-02-1998 11-11-2001 03-02-1998